

Massey, Michael

From: Taraszki, Michael D <Michael.Taraszki@amec.com>
Sent: Wednesday, January 30, 2013 5:24 PM
To: manheimer, kelly
Subject: 4909F correspondence
Attachments: VMC-HEWITT - Well 4909F Sampling Description for EPA.doc.PDF.PDF

Kelly –

Thank you again for your time to talk with me today. I found the information that Brian Anderson had provided me regarding his correspondence with EPA in 2011 about well 4909F. See below and attached.

Well 4909F has a casing leak. We informed EPA of this casing leak in March 2011. A copy of our prior email to EPA is provided below (the relevant attachment to our email to EPA is attached hereto). Vulcan is considering closing this well and replacing it with a more appropriate up-gradient well, screened in the A-zone groundwater. The existing 4909F is screened from 138 to 348 ft bgs and is therefore unlikely to yield useful information on any groundwater zone.

We recently learned that the leak was observed (via video log) at a casing joint approximately 116 feet bgs and that the Hewitt Pit landfill (unlined) extends between 100 and 140 feet bgs. Considering that depth to water is typically >250 feet bgs, the source of water at 116 feet bgs (at enough pressure to leak through a well casing joint) is a mystery to me.

As we discussed, we would prefer to proceed with our plans to collect an A-Zone and B-Zone sample from well 4909F, rather than only an A-Zone sample from their proposed replacement well. An installation schedule has not been provided to us yet, although I've been requesting that information from Vulcan since last September. I have no doubt they intend to install it, but I have no way of knowing if it might be available in time for even our second semi-annual sampling event.

Thank you,

Michael Taraszki
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